

ABSTRACT

5 A roll forming apparatus for rolling a selected material  
around a cylindrical core. The apparatus comprises a core  
support, a roll support means, and a material supply  
means. The core support is for supporting the  
cylindrical core. The core support has an associated  
core rotation means for rotating the core about a core  
rotation axis at a controllable rotation rate. The roll  
10 support means supports a plurality of forming rolls  
positioned to surround the core about the core rotation  
axis. The roll support means has a roll control means  
operable to both radially position the plurality of  
forming rolls relative to the core rotation axis and to  
15 constrain the plurality of forming rolls to be equally  
spaced from the core rotation axis, in order to provide  
integrated adjustment of the plurality of forming rolls  
to control a radial dimension of a substantially  
symmetrical forming space defined by the plurality of  
20 forming rolls. The material supply means is for  
supplying the selected material to the core at a material  
supply rate, and has an associated material supply  
control means for controlling the material supply rate.